

## Material Safety Data Sheet

### SeaKlear Spa: pH Increaser for Hot Tubs

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer's Name:** HaloSource, Inc.  
**Corporate Address:** 1725 220<sup>th</sup> St. SE, Suite 103, Bothell, WA 98021  
**Manufacturer's Telephone:** (425) 881-6464 (Monday-Friday, 8AM-5PM PDT)  
**Emergency Telephone (24 Hours):** 800-424-9300 CHEMTREC (Domestic, North America)  
+1-703-527-3887 CHEMTREC (International, collect calls accepted)

**Material/Trade/Product Name:** **SeaKlear Spa: pH Increaser for Hot Tubs**  
**Synonyms:** Soda Ash  
**Chemical Name:** Sodium Carbonate  
**Chemical Formula:**  $\text{CNa}_2\text{O}_3$   
**CAS No.:** 497-19-8  
**Product Use:** Increases pH in hot tub water.

#### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS NO.	HAZARDOUS INGREDIENT (S)	%	OSHA HAZARDOUS?
497-19-8	Sodium Carbonate	100	YES

NOTE: See Section 8 for permissible exposure limits.

#### SECTION 3: HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

White powder with no odor.

WARNING: May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.

##### POTENTIAL HEALTH EFFECTS

**EYE:** Causes eye irritation.

**SKIN:** May be harmful if absorbed through skin. Causes skin irritation.

**INHALATION:** May be harmful if inhaled. Causes respiratory tract irritation.

**INGESTION:** May be harmful if swallowed.

**CHRONIC EXPOSURE/CARCINOGENICITY:** Not known.

**AGGRAVATION OF PRE-EXISTING CONDITIONS:** None known.

**POTENTIAL ENVIRONMENTAL EFFECTS:** None known.

## SECTION 4: FIRST AID MEASURES

### **FIRST AID PROCEDURES**

**EYE CONTACT:** Remove contact lenses (when applicable) and flush eyes with water for 15 minutes. Get medical attention if irritation persists.

**SKIN CONTACT:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INHALATION:** If exposed to excessive levels of dust, remove to fresh air and get medical attention if cough or other symptoms develop.

**INGESTION:** Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Give large quantities of water. If available give several glasses of milk. Call a physician or poison control center immediately.

**NOTE TO PHYSICIANS:** None.

## SECTION 5: FIRE FIGHTING MEASURES

**FLASH POINT:** Not available

**UPPER FLAMMABLE LIMIT:** Not available

**FLAMMABILITY CLASS (OSHA):** Not applicable

**AUTOIGNITION TEMPERATURE:** Not available

**LOWER FLAMMABLE LIMIT:** Not available

**FLAME PROPAGATION/BURNING RATE:** Not available

**UNIQUE FIRE PROPERTIES:** None known.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon oxides, Sodium/sodium oxides.

**EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**PROTECTION OF FIREFIGHTERS:** Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Water may be used to keep fire-exposed containers cool until fire is out.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** See Section 8 (Personal Protective Equipment).

**ENVIRONMENTAL PRECAUTIONS:** Do not let product enter drains.

**METHODS FOR CLEANING UP:** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## SECTION 7: HANDLING AND STORAGE

**SAFE HANDLING RECOMMENDATIONS**

**VENTILATION:** Provide appropriate exhaust ventilation at places where dust is formed.

**SPECIAL HANDLING REQUIREMENTS:** Avoid formation of dust and aerosols.

**SAFE STORAGE RECOMMENDATIONS**

**STORAGE ROOM RECOMMENDATIONS:** Keep container tightly closed in a dry and well-ventilated place.

**STORAGE CONDITIONS:** Hygroscopic, keep in a dry place.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** No special ventilation is required. None required under normal conditions of use.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**EYE/FACE PROTECTION:** For operations where eye contact can occur, wear safety glasses.

**SKIN PROTECTION:** For operations where skin contact can occur, wear impervious rubber or neoprene apron.

**HAND PROTECTION:** For operations where hand contact can occur, wear impervious rubber or neoprene gloves.

**RESPIRATORY PROTECTION:** If dust is generated, a dust mask may be needed. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**GOOD HYGIENE/WORK PRACTICES:** Always follow good hygiene/work practices by avoiding vapors or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

**EXPOSURE GUIDELINES**

PERMISSIBLE EXPOSURE LIMITS						
INGREDIENT CAS NO.	OSHA		WISHA		ACGIH (TLV)	
	TWA	STEL	TWA	STEL	TWA	STEL
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**COLOR:** White.

**PHYSICAL FORM:** Solid

**pH:** 11.4 in 1% solution

**VAPOR DENSITY:** Not available

**MELTING POINT:** 851 °C (1,564 °F)

**SOLUBILITY IN WATER:** 33.2% max

**SHAPE:** Powder

**ODOR:** None

**VAPOR PRESSURE:** Not available

**BOILING POINT:** Not available

**FREEZING POINT:** Not available

**SPECIFIC GRAVITY OR DENSITY:** 2.532 g/cm<sup>3</sup>

*NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Values should not be construed as a guaranteed analysis of any specific lot or as specifications.*

## SECTION 10: STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Hygroscopic. Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** Exposure to moisture.

**MATERIALS TO AVOID (INCOMPATIBILITY):** Strong acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon oxides, sodium/sodium oxides.

**HAZARDOUS POLYMERIZATION:** Not known.

## SECTION 11: TOXICOLOGICAL INFORMATION

**ORAL LD<sub>50</sub> (rat):** 4,090 mg/kg

**DERMAL LD<sub>50</sub> (rabbit):** Not available.

**INHALATION LC<sub>50</sub> (rat):** 5,750 mg/l (2 hour)

**SKIN IRRITATION:** Rabbit - Mild skin irritation - 24 h

**EYE IRRITATION:** Rabbit - Eye irritation - 24 h

**SKIN SENSITIZATION:** Not available.

**ADDITIONAL INFORMATION:** Not available.

## SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY (in water):**

- LC<sub>50</sub> - Lepomis macrochirus (Bluegill) - 300 mg/l - 96 hour
- EC<sub>50</sub> - Daphnia magna (Water flea) - 265 mg/l - 48 hour

**MOBILITY:** Not available.

**PERSISTENCE AND DEGRADABILITY:** Not available.

**BIOACCUMULATIVE POTENTIAL:** Not available.

**ADDITIONAL INFORMATION:** Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

If this product as supplied becomes a waste, it may meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

NOTE: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

## SECTION 14: TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION (DOT):

Proper Shipping Name:	Not Regulated
Hazard Class:	Not Regulated
Identification Number (UN Number):	Not Regulated
Packing Group (PG):	Not Regulated

## SECTION 15: REGULATORY INFORMATION

**TSCA STATUS:** Listed

### CERCLA REPORTABLE QUANTITY (RQ):

CHEMICAL NAME	RQ
Not applicable	Not applicable

### SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (EHS):

CHEMICAL NAME	TPQ	RQ
Not applicable	Not applicable	Not applicable

**SARA TITLE III SECTION 311/312 HAZARD CATEGORIES:** Does this product/material meet the definition of the following hazard classes according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of SARA Title III?

ACUTE HEALTH HAZARD	CHRONIC HEALTH HAZARD	FIRE HAZARD	REACTIVE HAZARD	SUDDEN RELEASE OF PRESSURE
YES	NO	NO	NO	NO

### SARA TITLE III SECTION 313 TOXIC CHEMICALS INFORMATION:

CHEMICAL NAME	CAS NO.	CONCENTRATION (%)
Not applicable	Not applicable	Not applicable

**CALIFORNIA PROPOSITION 65:** The following chemical(s) is/are known to the state of California to cause cancer or reproductive toxicity:

CHEMICAL NAME	CAS NO.	CONCENTRATION (%)
Not applicable	Not applicable	Not applicable

**SECTION 16: OTHER INFORMATION**

**REVISION INFORMATION:**

MSDS sections(s) changed since last revision of document:

- None, this is a new MSDS.

**DISCLAIMER:**

\*\*\*\*\*

The above information is based upon information HaloSource, Inc. believes to be reliable and is supplied for informational purposes only. HaloSource, Inc. disclaims any liability for damage which results from the use of the above information and nothing contained therein shall constitute a guarantee, warranty (including fitness for a particular purpose) or representation with respect to the accuracy or completeness of the data, the product described or their use for any specific purpose even if that purpose is known to HaloSource, Inc. The final determination of the suitability of the information, the manner of use of the information or product and potential infringement is the sole responsibility of the user.

\*\*\*\*\*

**MSDS PREPARED BY: Jeremy Heath, EH&S Manager**